

Title (en)

MODERNIZED GLOBAL NAVIGATION SATELLITE SYSTEM RECEIVERS

Title (de)

MODERNISIERTE EMPFÄNGER FÜR EIN GLOBALES NAVIGATIONSSATELLITENSYSTEM

Title (fr)

RÉCEPTEURS DE SYSTÈME DE SATELLITES DE NAVIGATION MONDIAUX MODERNISÉS

Publication

EP 3997562 A4 20230802 (EN)

Application

EP 20877653 A 20201013

Priority

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- US 202017068659 A 20201012
- US 2020055416 W 20201013

Abstract (en)

[origin: WO2021076518A1] GNSS receivers and systems within such receivers use improvements to reduce memory usage while providing sufficient processing resources to receive and acquire and track E5 band GNSS signals directly (without attempting in one embodiment to receive L1 GNSS signals). Other aspects are also described.

IPC 8 full level

G06F 7/00 (2006.01); **H04W 56/00** (2009.01); **H04W 76/10** (2018.01); **H04W 84/18** (2009.01); **H04W 88/04** (2009.01)

CPC (source: EP KR US)

G01S 19/30 (2013.01 - EP KR US); **G01S 19/36** (2013.01 - KR US); **G01S 19/37** (2013.01 - EP KR US); **H04B 1/709** (2013.01 - KR); **H04B 1/709** (2013.01 - US); **H04B 2201/70715** (2013.01 - KR US)

Citation (search report)

- [YA] US 2017350985 A1 20171207 - AGEE BRIAN G [US]
- [YA] US 2015156038 A1 20150604 - VAN NEE DIDIER JOHANNES RICHARD [NL], et al
- [YA] WO 03104969 A2 20031218 - CRYPTICO AS [DK], et al
- [Y] US 6591230 B1 20030708 - DING YINONG [US], et al
- See also references of WO 2021076518A1

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)

WO 2021076518 A1 20210422; CN 114556286 A 20220527; EP 3997562 A1 20220518; EP 3997562 A4 20230802; KR 20220079656 A 20220613; US 11686855 B2 20230627; US 2022137236 A1 20220505; US 2023288574 A1 20230914; US 2023305170 A1 20230928; US 2023393286 A1 20231207; US 2024201396 A1 20240620

DOCDB simple family (application)

US 2020055416 W 20201013; CN 202080071834 A 20201013; EP 20877653 A 20201013; KR 20227015800 A 20201013; US 202017068659 A 20201012; US 202318195907 A 20230510; US 202318195910 A 20230510; US 202318207287 A 20230608; US 202418402630 A 20240102